

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and/or listing of claims in the application.

1. (Currently amended) A data warehouse system for managing performance of organizations, the data warehouse system comprising:
 - a business model comprising:
 - a predefined set of shared common dimensions representing business reference aspects of a plurality of organizations; the predefined set of shared common dimensions including a subset of shared common dimensions representing a second subset of the business reference aspects of a particular organization in the plurality of organizations;
 - a second predefined set of measures representing measurements of business activity aspects of the plurality of organizations, the second predefined set of measures grouped into areas of analysis to answer business questions applicable to the plurality of organizations; a third subset of the areas of analysis used to analyze the particular organization;
 - ~~a data warehouse~~ a data model implementing the business model, the data model including fact tables and dimension tables, the dimension tables corresponding to the predefined set of shared common dimensions of the business model, the fact tables including the second predefined set of measures for storing data representing dimensions and measures applicable for multiple organizations, the data model having placeholders settable such that the data model represents a particular organization; and
 - ~~a configuration unit for setting the placeholders such that~~ configuring the data warehouse data model representing the particular organization ~~[[.]]; and~~
 - a computer readable memory storing the business model and the data model.

2-3. (Cancelled)

4. (Currently amended) The data warehouse system according to ~~claimed in claim 21~~, wherein a dimension of the predefined set of shared common dimensions includes a placeholder settable to reflect at least one of:

- a fiscal pattern of the particular organization;
- a common currency used by the data warehouse data model;
- one or more categories defined by a user, the categories used to analyze information in the data warehouse data model; and
- one or more multipliers used by the data warehouse data model.

5. (Cancelled)

6. (Currently amended) The data warehouse system according to ~~claimed in claim 1~~, wherein the configuration unit comprises ~~at least one~~ one member selected from the group consisting of:

- a fiscal pattern settor setting ~~one or more placeholders~~ a placeholder in the ~~data warehouse~~ data model to reflect a fiscal pattern of the particular organization;
- a currency settor setting ~~one or more placeholders~~ a placeholder in the ~~data warehouse~~ data model to reflect a common currency used by the ~~data warehouse~~ data model;
- a user category settor setting ~~one or more placeholders~~ a placeholder in the ~~data warehouse~~ data model to reflect a category defined by a user, the category used to analyze information in the ~~data warehouse~~ data model; and
- a multiplier settor aggregating amounts loaded into the ~~data warehouse~~ data model; and
a combination thereof.

7. (Withdrawn – currently amended) The data warehouse system according to ~~claimed in claim 1~~, further comprising a connector ~~for extracting data from one or~~

~~more~~ a data source ~~systems-system~~ and loading the data into the ~~data-warehouse~~ data model, the connector having parameters settable such that the connector extract data from a particular data source system.

8-14. (Cancelled)

15. (Withdrawn – currently amended) The data warehouse system according to ~~claimed in-claim [[1]]7~~, wherein the data source systems comprise enterprise resource planning (ERP) systems.

16. (Currently amended) The data warehouse system according to ~~claimed in-claim 1~~ further comprising an operational framework for managing the data warehouse system, the operational framework comprising a console for providing a user configuration options for configuring the data warehouse system, wherein the configuration unit is provided in the operational framework.

17. (Currently amended) The data warehouse system according to ~~claimed in-claim 1~~, further comprising a content explorer for generating reports based on the analysis performed by the data warehouse data model.

18. (Currently amended) A method for configuring a data warehouse system, executed in a computer processor, the method comprising steps of:
obtaining a data warehouse system according to claim 1; and
using the configuration unit to set ~~one or more data-warehouse data model~~ the settable-placeholders in the ~~data-warehouse~~ data model of the data warehouse system.

19-20. (Cancelled)

21. (Withdrawn - currently amended) A connector for extracting data from multiple data source systems and transforming the extracted data for loading into placeholders in a ~~data-warehouse data model~~ of a data warehouse, the connector comprising:

a configuration ETL code unit ~~for~~ extracting values from a data source system to set the placeholders in the ~~data warehouse~~ data model and an operational framework; and

a parameterized ETL code unit ~~for~~ using the values to extract information from the data source system, transform the data and load the data into the ~~data warehouse~~ data model; and

a computer readable memory storing the configuration ETL code unit and the a parameterized ETL code unit.

22. (Cancelled).

23. (Currently amended) A method of ~~providing~~ building a data warehouse for managing performance of organizations, the method comprising the steps of:

selecting a market;

identifying a particular organization in the market;

analyzing the particular organization to collect organizational information;

determining business questions based on the collected organizational information;

merging the business questions into a subset of areas of analysis of a business model applicable to the particular organization;

decomposing the subset of areas of analysis into dimensions and measures, the dimensions representing business reference aspects of the particular organization, the measures representing measurements of business activity aspects of the particular organization;

providing a predefined set of shared common dimensions representing business reference aspects of a plurality of organizations, the plurality of organizations including the particular organization;

providing a second predefined set of measures representing measurements of business activity aspects of the plurality of

organizations, the second predefined set of measures grouped into areas of analysis including the subset of areas of analysis merged from the business questions of the particular organization;

providing placeholders in a data warehouse a data model; implementing the business model, the data warehouse data model including fact tables and dimension tables, the dimension tables corresponding to the dimensions of the business model the fact tables including the measures; the data model having settable placeholders; storing data representing dimensions and measures applicable for multiple organizations, the placeholders settable such that the data warehouse data model represents a particular organization; and

providing a configuration unit for setting the placeholders such that the data warehouse data model represents representing the particular organization; and
building the data warehouse using the data model.

24. (Currently amended) The method according to ~~claimed in claim 23, wherein the step of providing placeholders comprises~~ further comprising the step of providing placeholders in the dimensions of the ~~data warehouse data model, the dimensions representing business reference aspects of the multiple organizations.~~

25-28. (Cancelled)

29. (Currently amended) The method according to ~~claimed in claim 23, wherein the step of providing placeholders the data model comprises at least one step of:~~
- ~~providing one or more placeholders~~ a placeholder in the ~~data warehouse data model to reflect a fiscal pattern of the particular organization;~~
 - ~~providing a placeholder one or more placeholders in the data warehouse data model to reflect a common currency used by the data warehouse data model;~~
 - ~~providing a placeholder one or more placeholders in the data warehouse data model to reflect a category defined by a user, the category used to analyze information in the data warehouse data model; and~~

aggregating amounts loaded into the ~~data warehouse~~ data model.

30. (Withdrawn-currently amended) The method according to ~~claimed in~~ claim 23, further comprising the step of providing one or more settable parameters in one or more connectors, the connectors for extracting data from one or more data source systems and loading the data into the ~~data warehouse~~ data model, the parameters settable such that the connectors extract data from a particular data source.

31 -35. (Cancelled)

36. (Withdrawn-currently amended) The method according to ~~claimed in~~ claim 23, wherein the data source systems comprise enterprise resource planning (ERP) systems.

37. (Withdrawn-currently amended) The method according to ~~claimed in~~ claim 23, further comprising the step of providing one or more reports generated based on the analysis performed by the data warehouse data model.

38 - 39. (Cancelled)

40. (Currently amended) ~~A Computer~~computer-readable medium ~~for storing~~ instructions or statements for use in the execution in a computer of a method for building ~~providing~~ a data warehouse system ~~adaptable for multiple organizations,~~ the ~~data warehouse~~ system for managing performance of organizations ~~a particular organization,~~ the method comprising steps of:

selecting a market;

identifying a particular organization in the market;

analyzing the particular organization to collect organizational information;

determining business questions based on the collected organizational information;

merging the business questions into a subset of areas of analysis of a business model applicable to the particular organization;

decomposing the subset of areas of analysis into dimensions and measures, the dimensions representing business reference aspects of the particular organization, the measures representing measurements of business activity aspects of the particular organization;

providing a predefined set of shared common dimensions representing business reference aspects of a plurality of organizations, the plurality of organizations including the particular organization;

providing a second predefined set of measures representing measurements of business activity aspects of the plurality of organizations, the second predefined set of measures grouped into areas of analysis including the subset of areas of analysis merged from the business questions of the particular organization;

providing a data model implementing the business model, the data model including fact tables and dimension tables, the dimension tables corresponding to the dimensions of the business model, the fact tables including the measures; the data model having settable placeholders;

setting the placeholders such that the data model represents the particular organization; and

building the data warehouse using the data model.

~~providing placeholders in a data warehouse data model, the data warehouse data model for storing data representing dimensions and measures applicable for multiple organizations, the placeholders settable such that the data warehouse data model represents a particular organization; and~~

~~providing a configuration unit for setting the placeholders such that the data warehouse data model represents the particular organization.~~

41. (Currently amended) A computer program product-recorded on a computer readable medium, for use in a computer implementing a data warehouse system

~~adaptable for multiple organizations, the data warehouse system for managing performance of a particular organization, the data warehouse system comprising:~~

a business model comprising:

a predefined set of shared common dimensions representing business reference aspects of a plurality of organizations; the predefined set of shared common dimensions including a subset of shared common dimensions representing a second subset of the business reference aspects of a particular organization in the plurality of organizations;

a second predefined set of measures representing measurements of business activity aspects of the plurality of organizations, the second predefined set of measures grouped into areas of analysis to answer business questions applicable to the plurality of organizations; a third subset of the areas of analysis used to analyze the particular organization;

a data model implementing the business model, the data model including fact tables and dimension tables, the dimension tables corresponding to the predefined set of shared common dimensions of the business model, the fact tables including the second predefined set of measures; ~~a data warehouse data model for storing data representing dimensions and measures applicable for multiple organizations, the data warehouse data model having placeholders settable such that the data warehouse data model represents a particular organization; and~~

~~a configuration unit configuring for setting the placeholders such that the data warehouse data model represents~~ representing the particular organization.

42-45. (Cancelled).

46. (Withdrawn) A method of configuring a data warehouse system, the method comprising steps of:

loading a data warehouse system, the data warehouse system comprising:

a memory for storing data for access by an application program being executed on a data processing system, the memory comprising a data warehouse data model for storing data representing dimensions and measures applicable for multiple organizations, the data warehouse data model having placeholders settable such that the data warehouse data model represents a particular organization; and

a configuration unit for setting the placeholders such that the data warehouse data model represents the particular organization;

receiving instructions regarding a configuration of the data warehouse data model; and

setting one or more data warehouse data model placeholders based upon the instructions.

47-48. (Cancelled)

49. (Withdrawn-currently amended) A Computer-readable media-medium for storing instructions or statements for use in the execution in a computer of a method of configuring a data warehouse system, the method comprising steps of:

loading a data warehouse system comprising:

a memory for storing data for access by an application program being executed on a data processing system, the memory comprising a data warehouse data model for storing data representing dimensions and measures applicable for multiple organizations, the data warehouse data model having placeholders settable such that the data warehouse data model represents a particular organization; and

a configuration unit for setting the placeholders such that the data warehouse data model represents the particular organization;

receiving instructions regarding a configuration of the data warehouse data model; and

setting one or more data warehouse data model placeholders based upon the instructions.

50. (New) The data warehouse system according to claim 1, wherein the areas of analysis are grouped into a plurality of functional areas.
51. (New) The data warehouse system according to claim 50, wherein the areas of analysis jointly use a dimension of the predefined set of shared common dimensions.
52. (New) The data warehouse system according to claim 1, wherein the fact tables are grouped into functional areas.
53. (New) The data warehouse system according to claim 1, wherein the dimension tables are connected to the fact tables in a star schema.
54. (New) The data warehouse system according to claim 1, wherein the functional areas are selected from a group consisting of: sales analysis, AR analysis, GL analysis, AP analysis, inventory analysis and procurement analysis.
55. (New) The data warehouse system according to claim 1, wherein the business model is extendible by including additional areas of analysis.
56. (New) The data warehouse system according to claim 1, wherein the second predefined set of measures represents a union of measures used to perform analysis for the plurality of organizations.
57. (New) The data warehouse system according to claim 56, wherein the union of measures comprises a minimum set of measures needed to perform analysis for all of the plurality of organizations.
58. (New) The data warehouse system according to claim 1, wherein the areas of analysis comprise Key Performance Indicator (KPI) or attributes.
59. (New) The method according to claim 23, wherein a dimension of the predefined set of shared common dimensions includes a placeholder settable to reflect at least one of:
- a fiscal pattern of the particular organization;
 - a common currency used by the data warehouse data model;
 - one or more categories defined by a user, the categories used to analyze information in the data warehouse data model; and

one or more multipliers used by the data warehouse data model.